Page 1 of 5 Application No. Applicant(s) PTO-1449 09/849,010 Richard L. Klevans, et al. Docket Number Group Art Unit Filing Date Information Disclosure Citation May 4, 2001 064731.0171 2123 in an Application U.S. PATENT DOCUMENTS DOCUMENT NO. DATE CLASS SUBCLASS **FILING DATE** NAME 6,515,966 B1 02/04/03 Bardalai et al. 370 236 06/06/2000 4 RECEIVED C JUN 2 6 2003 n **Technology Center 2100** FOREIGN PATENT DOCUMENTS TRANSLATION CLASS DOCUMENT NO. DATE COUNTRY SUBCLASS YES NO E F **NON-PATENT DOCUMENTS** DATE DOCUMENT (Including Author, Title, Source, and Pertinent Pages) Kermani, et al., "Virtual Cut-through: A New Computer Communication Switching Technique", Computer 1979 Networks, Vol. 3, Cover, Table of Contents and pp. 267-285, 1979. 01/1993 Cidon, et al., "MetaRing - A Full Duplex Ring with Fairness and Spatial Reuse", IEEE Transactions on Communications, Vol. 41, Cover and pp. 110-120 04/1995 Ofek, et al., "METANET: Principles of an Arbitrary Topology LAN", IEEE Transactions on Networking, Vol. 3, No. 2, Cover and pp. 169-180 West, "Introduction to Graph Theory", Prentice Hall, ISBN 0-13-227828-6, QA166.W43 1996, 7 pages 1996 Cover, ISBN page, Table of Contents, and pp. 51-85 Hunter, et al., "WASPNET: A Wavelength Switched Packet Network", IEEE Communications Magazine, 2-03/1999 K page cover and pp. 120-129 Hemandez-Valencia, "A Simple Data Link (SDL) Framing Protocol for High-Speed Optical Packet 05/04/1999 Networks", OIF99.043.0, pp. 1-21 Simpson, "The Point-to-Point Protocol (PPP)", Daydreamer, RFC-1661, 50 pages 07/1994 Katz, et al., "Traffic Engineering Extensions to OSPF", IETF Draft, draft-katz-yeung-ospf-traffic-01.txt, pp. 10/1999 N 1-8 Crawley, et al., "A Framework for Qos Based Routing in the Internet", RFC 2386, 35 pages 08/1998 Wimer, et al., FORE Systems, Inc., "OSPF Sub-Areas", IETF Draft, draft-wimer-ospf-sub-areas-00.txt, 13 10/1999 pages Wimer, et al., FORE Systems, Inc., "Additional OSPF Extensions for Traffic Engineering and Qos Routing", 02/1999 IETF Draft, draft-wimer-ospf-traffic-00.txt, 5 pages Yeung, "OSPF Extensions for Traffic Engineering", IETF Draft, draft-yeung-ospf-traffic-00.txt, 9 pages 02/1999 R Apostolopoulos, et al., "Qos Routing Mechanism and OSPF Extensions", RFC 2676, 47 pages 08/1998 Smit, et al., "IS-IS Extensions for Traffic Engineering", IETF Draft, draft-ietf-isis-traffic-00.txt, 10 pages 05/1999 T Awduche, et al., UUNET (MCI WorldCom), "Requirements for Traffic Engineering Over MPLS", RFC 09/1999 2702, 28 pages

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

DATE CONSIDERED

EXAMINER

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 Application No.
 Applicant(s)

 09/849,010
 Richard L. Klevans, et al.

 Docket Number 064731.0171
 Group Art Unit 2123
 Filing Date May 4, 200 RECEIVED

NON-PATENT DOCUMENTS

JUN 2 6 2003

	DOCUMENT (Including Author, Title, Source, and Pertinent Page	Technology Center DATE
ζ v	Blake, et al., "An Architecture for Differentiated Services", RFC 2475, 34 pages	12/1998
w	Braden, et al., "Resource ReSerVation Protocol (RSVP)", Version 1 Functional Specification pages	n, RFC 2205, 105 09/1997
×	Wrocławski, "Specification of the Controlled-Load Network Element Service", RFC 2211, 1	8 pages 09/1997
Y	Shenker, et al., "Specification of Guaranteed Quality of Service", RFC 2212, 19 pages	09/1997
z	Reynolds, et al., ISI, "Assigned Numbers", RFC 1700, 215 pages	10/1994
, AA	Jacobson, et al., "An Expedited Forwarding PHB", RFC 2598, 11 pages	06/1999
AE	Heinanen, et al., "Assured Forwarding PHB Group", RFC 2597, 11 pages	06/1999
AC	Manchester, et al., Bell Laboratories, "IP over SONET", IEEE Communications Magazine, cover and pp. 136-142	vol. 36, no. 5, 05/1998
S AC	Heinanen, Telecom Finland "Multi-Protocol Encapsulation over ATM Adaptation Layer 5", pages	RFC 1483, 15 07/1993
, AE		366 pages of text
AF	Callon, Digital Equipment Corporation, "Use of OSI IS-IS for Routing in TCP/IP and Dual RFC 1195, 80 pages	Environments", 12/1990
AG	Moy, Ascend Communications "OSPF Version 2", RFC 2328, 204 pages	04/1998
, AH	Malkin, Bay Networks, "RIP Version 2", RFC 2453, 37 pages	11/1998
AI	Rekhter, et al., "A Border Gateway Protocol 4 (BGP-4)", RFC 1771, 54 pages	03/1995
AJ	Goguen, et al., "RSVP Label Allocation for Backup Tunnels", draft-swallow-rsvp-bypass-lab Document, 10 pages	pel-00.txt, IETF . 10/1999
AK	Callon, et al., "A Framework for MPLS", draft-ietf-mpls-framework-05.txt, IETF document,	69 pages 09/1999
AL	Rosen, et al., "Multiprotocol Label Switching Architecture", draft-ietf-mpls-arch-06.txt, IET pages	F Document, 62 02/1999
AN	Rosen, et al., "MPLS Label Stack Encoding", IETF document, draft-ietf-mpls-label-encaps-	07.txt, 22 pages 09/1999
AN	Andersson, et al., "LDP Specification", IETF document, draft-ietf-mpls-ldp-06.txt,	124 pages 10/1999
AC	Jamoussi, Nortel Networks Corp., "Constraint-Based LSP Setup Using LDP", draft-ietf-mpl IETF Document, pp. 1-39	s-cr-ldp-03.txt, 09/1999
AF	Guerin, "Qos Routing in Networks with Inaccurate Information: Theory and Algorithms", If Transactions on Networking, Vol. 7, No. 3, cover and pp. 350-364	EEE/ACM 06/1999
AC	Parekh, et al., "A Generalized Processor Sharing Approach to Flow Control in Integrated S. The Single Node Case", IEEE Transactions on Networking, Vol. 1, No. 3, cover and pp. 344	
AR	Parekh, et al., "A Generalized Processor Sharing Approach to Flow Control in Integrated S. The Multiple Node Case", IEEE Transactions on Networking, Vol. 2, No. 2, cover and pp. 1	
AS	Golestani, "A Self-Clocked Fair Queuing Scheme for Broadband Applications", Proceedings	
AMI		

EXAMINER DATE CONSIDERE

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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Information Disclosure Citation in an Application

Application No.
09/849,010

Docket Number
064731.0171

Applicant(s)
Richard L. Klevans, et al.

Filing Date
May 4, 20 RECEIVED

NON-PATENT DOCUMENTS

JUN 2 6 2003

	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	ology Center DATE
AT	Zhang, "Virtual Clock: A New Traffic Control Algorithm for Packet Switching Networks", ACM SIGCOMM Computer Communication Reviews, Vol. 20, No. 4, pp. 19-29	09/1990
AU	Ferrari, et al., "A Scheme for Real-Time Channel Establishment in Wide-Area Networks", IEEE Journal on Selected Areas in Communications, Vol. 8, No. 3, cover and pp. 368-379	04/1990
AV	Wrege, et al., "A Near-Optimal Packet Scheduler for QoS Networks", Proceedings of IEEE Infocom '97, Kobe, Japan, cover and pp. 576-583	04/07-12/1997
AW	Golestani, "A Stop-and-Go Queuing Framework for Congestion Management", ACM SIGCOMM Computer Communications Review, Vol. 20, No. 4., pp. 8-18	09/1990
АХ	Kalmanek, et al., "Rate Controlled Servers for Very High-Speed Networks", Proceedings of IEEE Globecom '90, San Diego, CA, Conference Record Vol. 1 of 3, cover and pp. 300.3.1-300.3.9	12/02-05/1990
AY	Sriram, K., "Methodologies for Bandwidth Allocation, Transmission, Scheduling and Congestion Avoidance in Broadband ATM Networks", Proceedings of IEEE Globecom, '92, Orlando, FL, Conference Record Vol. 3 of 3, cover and pp. 1545-1551	12/06-09/1992
AZ	Jacobson, et al., "Random Early Detection Gateways for Congestion Avoidance", ACM/IEEE Transactions on Networking, Vol. 1, No. 4, cover and pp. 397-413	08/1993
ВА	Braden, et al., "Recommendations on Queue Management and Congestion Avoidance in the Internet", RFC 2309, 16 pages	04/1998
ВВ	Jacobson, "Notes on Using RED for Queue Management and Congestion Avoidance", Network Research Group, Berkeley National Laboratory, Berkeley, CA, NANOG 13, Dearborn, MI, cover and 15 pages	06/08/1998
вс	May, et al., "Analytic Evaluation of RED Performance", pp. 1-10	06/1998
BD	May, et al., "Reasons Not To Deploy RED", pp. 1-5	05/1999
BE	Lakshman, et al., "SRED: Stabilized RED", pp. 1-10	03/1999
BF	Feng, et al., "BLUE: A New Class of Active Queue Management Algorithms", pp. 1-27	03/1999
BG	Cisco's "Distributed Weighted Random Early Detection", Source = http://www.cisco.com/univered cc/td/doc/product/software/ios111/cc111/wred.htm#xtocid236360, 17 pages	02/09/1998
вн	J. Wrocławski, MIT LCS "The Use of RSVP with IETF Integrated Services", RFC 2210, 31 pages	09/1997
BI	Shenker, et al., "General Characterization Parameters for Integrated Service Network Elements", RFC 2215, 15 pages	09/1997
ВЈ	Braden, et al., "RAPI An RSVP Application Programming Interface, Version 5", Internet Draft, 25 pages	08/11/1998
вк	Katsubc, et al., "Toshiba's Router Architecture Extensions for ATM: Overview", RFC 2098, 17 pages	02/1997
BL	Rekhter, et al., "Cisco Systems' Tag Switching Architecture Overview", RFC 2105, 13 pages	02/1997
вм	Viswanathan, et al., "ARIS: Aggregate Route-Based IP Switching", Internet draft, 19 pages	03/1997
ви	Newman, et al., "Ipsilon Flow Management Protocol Specification for IPv4 Version 1.0", RFC 1953, 19 pages	05/1996
во	Davie, et al., "Switching in IP Networks", ISBN 1-558650-505-3, TK5105.875.157,D38, Morgan Kaufmann Publishers, Inc., San Francisco, CA, 8 pgs. cover, ISBN page, table of contents, pp. 27-55, 117-154, 219-232	1998
ВР	Moy, Proteon, Inc., "OSPF Version 2", RFC 1583, 202 pages	03/1994
AMIN	DATE CONSIDERED	

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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Information Disclosure Citation in an Application

Application No. 09/849,010 Applicant(s)
Richard L. Klevans, et al.

Docket Number 064731.0171 Group Art Unit 2123 Filing Date May 4, 2 PECEIVED

NON-PATENT DOCUMENTS

JUN 2 6 2003

		NON-PATENT DOCUMENTS 30	N 2 0 2003					
		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	ology Center 2					
?	BQ	Fuller, et al., "Classless Inter-Domain Routing (CIDR): An Address Assignment and Aggregation Strategy", RFC 1519, 23 PAGES	09/1993					
	BR	Dumortier, "Toward a New IP over ATM Routing Paradigm", IEEE Communications Magazine, 2-page cover and pp. 82-86	01/1998					
	BS	White, et al., "ATM Switching and IP Routing Integration: The Next Stage in Internet Evolution?", IEEE Communications Magazine, 2-page cover and pp. 79-83	04/1998					
	ВТ	Viswanathan, et al., "Evolution of Multiprotocol Label Switching", IEEE Communications Magazine, 2-page cover and pp. 165-173	05/1998					
	BU	Laubach, "Classical IP and ARP over ATM", RFC 1577, 16 pages	01/1993					
,	BV	Callon, et al., "A Framework for Multiprotocol Label Switching", Internet-Draft, 65 pages						
,	вw	Schmidt, et al., "Multiprotocol over ATM – Building State of the Art ATM Intranets", Manning Publications Co., ISBN 1-884777-42-2, TK5105.875.16S36, 8 pgs. cover, ISBN page, table of contents, and pp. 207-289						
,	вх	Halabi, "Internet Routing Architecture", Cisco Systems, New Riders, Cisco Press, 6 pgs. cover, ISBN page table of contents, and pp. 87-190						
	BY	Finn, et al., "LAN Emulation over ATM Version 2.0- LUNI Specification", The ATM Forum Technical Committee, AF-LANE-0084.000, 153 pages	07/1997					
,	BZ	Alexander, et al., "Multi-Protocol over ATM Version 1.0", AF-MPOA-0087.000, The ATM Forum Technical Committee, 154 pages						
,	CA	Deering, Stanford University, "Host Extensions for IP Multicasting", STD 5, RFC 1112, 16 pages	08/1989					
)	СВ	Sahinoglu, et al., "On Multimedia Networks: Self-Similar Traffic and Network Performance", IEEE Communications Magazine, Vol. 37, No. 1, cover and pp. 48-52	01/1999					
	СС	Fishburn, et al., "Dynamic Behavior of Differential Pricing and Quality of Service Options for the Internet", Proc. First Inter. Conf. on Information and Computation Economics (ICE-98), ACM Press, 1998, pp. 128-139	1998					
	CD	Steinmetz, et al., "Multimedia: Comuting Communications and Applications", Prentice Hall, ISBN 0-13-324435-0, QA76.575.S73, cover, acknowledgment page, LOC page, Index (15 pgs) and pp. 420-450	1995					
	CE	Gale, et al., "College Admissions and the Stability of Marriage", The American Mathematical Monthly, Vol. 69, Number 1, cover and pp. 9-15	1962					
	CF	McKcown, "Scheduling Algorithms for Input-Queued Cell Switches", Ph.D. Thesis, Univ. of California at Berkeley, UMI No. 9602658, 12 pages cover, introduction, acknowledgment and index pages, 119 pages text	1995					
	CG	Simpson, Daydreamer, "PPP over SONET/SDH", RFC 1619, 6 pages	05/1994					
	СН	Simpson, Daydreamer, "Point-to-Point Protocol (PPP)", RFC 1661, 50 pages	07/1994					
	CI	Simpson, Daydreamer, "PPP in HDLC-Like Framing", RFC 1662, 24 pages	07/1994					
	CJ	McCloghrie, et al., "Management Information Base for Network Management of TCP/IP-Based Internets: MIB-II", RFC 1213, 66 pages	03/26/1991					
	СК	Baker, et al., Cisco Systems, "OSPF Version 2 Management Information Base", RFC 1850, 75 pages	11/1995					
1	CL	Baker, et al., Cisco Systems, "RSVP Management Information Base Using SMIv2", RFC 2206, 60 pages	09/1997					
,	СМ	Kastenholz, FTP Software, Inc., "The Definitions of Managed Objects for the Link Control Protocol of the Point-to-Point Protocol", RFC 1471, 24 pages	06/1993					
K.A	MINER	<u> </u>	<u>. </u>					

EXAMINER 42

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

PTO-1449 Information Charles Citation in an Application

Application No. 09/849,010	Applicant(s) Richard L. Klevans, et al.				
Docket Number	Group Art Unit	Filing Date			
064731.0171	2123	May 4, 2001			

NON-PATENT DOCUMENTS

		NON-PATENT DOCUMENTS							
		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE						
7	CN	Kastenholz, FTP Software, Inc., "The Definitions of Managed Objects for the IP Network Control Protocol of the Point-to-Point Protocol", RFC 1473, 10 pages	06/1993						
2	со	Baker, Cisco Systems, "IP Forwarding Table MIB", RFC 2096, 20 pages	01/1997						
2	СР	Awduche, et al., draft-ietf-tewg-framework-01.txt (IETF), "A Framework for Internet Traffic Engineering", 63 pages	07/2000						
7	CQ	U.S. Patent Application Serial No. 09/588,634, entitled "Method and System for Providing a Protection Path for Connection-Oriented Signals in a Telecommunications Network", inventors Mo, et al., 32 pages specification, claims and abstract and 3 pages of drawings (Attorney's Docket No. 064731.0141)	06/06/2000						
7	CR	U.S. Patent Application Serial No. 09/589,038, entitled "Method and System for Providing a Protection Path for Connectionless Signals in a Telecommunications Network", inventors Mo, et al., 38 pages specification, claims and abstract and 9 pages of drawings (Attorney's Docket No. 064731.0142)	06/06/2000						
7	cs	J.S. Patent Application Serial No. 09/588,806, entitled "Transport Network and Method", inventors Mo, et l., 40 pages specification, claims and abstract and 9 pages of drawings (Attorney's Docket No. 064731.0143)							
1	СТ	U.S. Patent Application Serial No. 09/588,636, entitled "Method and System for Transporting Traffic in a Packet-Switched Network", inventors Mo, et al., 32 pages specification, claims and abstract and 6 pages of drawings (Attorney's Docket No. 064731.0144)							
5	CU	U.S. Patent Application Serial No. 09/588,632, entitled "System and Method Connectionless/Connection Oriented Signal Transport", inventors Mo, et al., 44 pages specification, claims and abstract and 7 pages of drawings (Attorney's Docket No. 064731.0145)	06/06/2000						
1	CV	U.S. Patent Application Serial No. 09/848,994, entitled "Method and System for Quality of Services (QoS) Support in a Packet-Switched Network", inventors Li Mo, et al., 35 pages specification, claims and abstract and 6 pages of drawings (Attorney's Docket No. 064731.0167) U.S. Patent Application Serial No. 09/848,871, entitled "Method and System for Modeling and Advertising Asymmetric Topology of a Node in a Transport Network", inventors Jaber, et al., 35 pages specification, claims and abstract and 10 pages of drawings (Attorney's Docket No. 064731.0169)							
ì	CM								
	сх	U.S. Patent Application Serial No. 09/849,003, entitled "Unique Address Space and Method for a Transport Network", inventor Edwin Alton Harbin, 36 pages specification, claims and abstract and 10 pages of drawings (Attorney's Docket No. 064731.0170)	05/04/2001						
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	S	Birman A et al.: "Sup	port for RSV	P-Based Services (Over ATM Ne	tworks," Comm	nunications:		18/96
n		The Key to Global Pr Nov. 18-22, 1996, Gloval. SUPP, 18, Nov. 1	obal Telecom	munications Confe	erence (Globe	com, New York			
1	T	Sharma et al.: "Scalab Conference of the IEE	ole timers for	soft state protocols	s," Infocom '97	7. Sixteenth An		04/0	07/97
1	1	Revolution., Proceedi	ings IEEE Ko	be, Japan 7-11 Apr	ril 1997, Los <i>A</i>	Alamitos, CA U	SA, IEEE		
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7,2	N O P Q	International Search R 2002, 7 pages. International Search R 14, 2002, 7 pages. Pancha P: "ATM Swit Transport," ISS '97. W	ENT (Including eport in Internate the Routers for Corld Telecommission of the control of the con	g Author, Title, cional Application combined Connectunications Congr	Source, and Pertino No. PCT/US01/1 ction-Oriented and ess. (Int'l Switchin	inent Pag 14626, da 14622, da Connector	ges) ated Feb. 5 ated February tionless sium). Global	YI	DA 02/0	NO NO TE 05/02
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天	N O P Q R S	International Search R 2002, 7 pages. International Search R 14, 2002, 7 pages. Pancha P: "ATM Swit Transport," ISS '97. W Network Evolution: Control Telecommunications Control Telecommunication Control Telecommunication Control Telecomm	ENT (Including eport in Internation Routers for Corld Telecommonvergence or Corld Tele	g Author, Title, cional Application combined Connections Congruinications Congruinication? Toronto	Source, and Pertin No. PCT/US01/1 No. PCT/US01/1 Stion-Oriented and ess. (Int'l Switching, Sept. 21-26, 199 g Symposium)	inent Page 14626, da Connecte g Sympo 27, ISS. V	ges) ated Feb. 5 ated February tionless sium). Global	YI	DA 02/0	NO NO TE 05/02
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24		Internet host mobility" International Conferen									
	S	7 June 1998, pages 18 Bar-Noy A. et al.: "To	17-1823, XP01	0284635, ISBN:	0-7803-4788-9	<u> </u>			1/90		
7(Computer Communica 20, no. 4, Sept. 1, 1990	tions Review,	Association for C	omputing Mac	hinery, New	York, US, vol.				
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1	S	Sun H. et al.: "Support Elsevier Science Publi 1029, XP004138773, I	ing IP on the A	TM networks: ar sterdam, NL, vol.	overview, 21, no. 11,	" Computer Com		08/	10/98	
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Di	A	5,231,633	07/27/93	Hluchyj	et al.	370	94.1	07/	11/90	
3	В	5,825,772	10/20/98	Dobbins	et al.	370	396	04/	02/96	
2	В	5,850,399	12/15/98	Ganmukh	i et al.	370	412	03/	27/98	
437	С	5,852,606	12/22/98	Prince e	et al.	370	393	09/	29/95	
1	E	5,946,308	08/31/99	Dobbins	et al.	370	392	10/	30/97	
1	F	5,956,341	09/21/99	Galand	et al	370	412	08/	07/97	
1	G	6,018,766	01/25/2000	Samuel	et al.	709	218	07/	18/97	
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12	S	International Search R 31, 2001, 6 pages.	Report in Intern	national Applicatio	n No. PCT/	US 01/13725, dai	ed October	10/3	1/2001	
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7		1 3 2002 u	U	.S. PATENT DOCUM	DENTS			
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2	Α	5,781,534 A	07/14/98	Perlman et al.	370	248	11/	31/95
Z	В	5,590,133 A	12/31/96	Billström et al	370	349	12/0	09/94
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			U	J.S. PATENT DOCUM	ENTS				
		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING	G DATE	
71	A	6,075,767	06/13/00	Sakamoto et al.	370	228	03/1	9/97	
1	В	6,317,426 B1	11/13/01	Afanador et al	370	352	06/0)3/99	
5	С	6,331,905 B1	12/18/01	Ellinas et al	359	110	04/0)1/99	
7	D	6,353,593 B1	03/05/02	Chen et al	370	216	06/0	3/99	
2	E	6,359,857 B1	03/19/02	Ahmad et al	370	217	08/2	21/98	
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71	A	5,818,842	10/06/98	Burwell et al.	370	397	01/2	0/95
A	В	6,058,113	05/02/00	Chang	370	390	09/3	0/97
7	С	6,205,158 B1	03/20/01	Martin et al.	370	541	12/1	9/97
1	D	6,353,616 B1	03/05/02	Elwalid et al.	370	443 .	12/2	28/98
4	E	2001/0025310 A1	09/27/01	Krishnamurthy et al.	709	. 223	02/0	5/01
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71	R Law A M et al: "Simulation Software for Communications Networks: The State of the Art," IEEE Communications Magazine, IEEE Service Center. Piscataway, N.J., US, vol. 32, no. 3, 1 March 1994, page 1, column 2, line 4-page 2, column 1, line 39, page 4, column 1, line 3-page 6, column 1, paragraph 6; XP 000442186.						n	01/94	
7	S	International Search F April 5, 2002, 7 pages		rnational Applicatio	on No. PCT/U	/S01/14615, da 	ted 	04/	05/02 ————
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